

ABSTRACT OF THE DISCLOSURE

A switching system, preferably for use in the power supply of motor vehicles, and having one chargeable energy memory of a specific voltage level and consumers situated in the circuit of the energy memory is further developed so that a significant power load is thoroughly prevented even in the case of a high momentary power requirement of the electric consumers. The energy memory is designed for this purpose as power-limiting primary memory (1) to ensure the operation of a first group of consumers (2). The switching system further has a secondary energy memory (4) chargeable proceeding from the primary energy memory (1) which makes energy available to a second group of consumers (5) so that during energy delivery from the secondary energy memory (4) to the consumers (5) of the second group a feedback to the primary energy memory (1) is thoroughly prevented even during loading of the same by consumers (2) of the first group.